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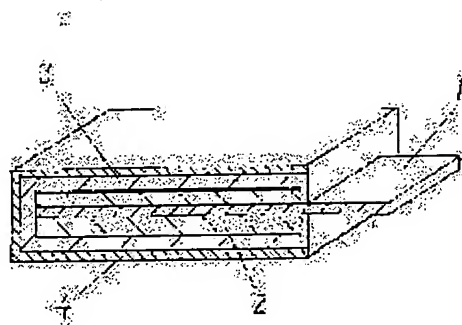
(54) SOLID ELECTROLYTIC CAPACITOR ELECTRODE MEMBER AND SOLID ELECTROLYTIC CAPACITOR USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a solid electrolytic capacitor electrode member which is fabricated by the use of inexpensive material at low sintering temperatures and capable of making a solid electrolytic capacitor very large in capacitance and the solid electrolytic capacitor using the same.

SOLUTION: The electrode member is composed of an anode 1 formed of a low-melting valve action metal foil, and a sheet electrode layer 2 which is formed of the powder of valve action metal or its alloy having a higher melting point than the anode 1 and provided on the anode 1. Therefore, the enough adhesion of the electrode layer 2 to the anode 1 can be ensured even if a sintering process is carried out at temperatures lower than usual, and the solid electrolytic capacitor having a small size, a large capacity, a low ESR and a low leakage current can be realized at low cost.

1 陽極体
2 電極層
3 固体電解質層
4 陰極層



LEGAL STATUS

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